

GENERAL NOTES

SECTION 07250

- 1. IN ADDITION TO REPLACING FIREPROOFING REMOVED UNDER THIS CONTRACT, THE CONTRACTOR SHALL INSTALL NON-ASBESTOS RE-FIREPROOFING IN ALL AREAS SHOWN ON DWGS. V-8 AND V-9 AS PER SPECIFICATION.
- 2. FIREPROOFING MATERIAL SHALL BE HIGH DENSITY CEMENTITIOUS. THICKNESS SHALL PROVIDE THE FOLLOWING FIRE PROTECTION:
  - BEAMS 2 HRS.
  - COLUMNS AND GIRDERS 3 HRS.
  - DIAGONAL BRACING 3 HRS.
- 3. PROVIDE UL TEST DATA FOR ALL SUBMITTED PRODUCTS AND THICKNESSES.
- 4. ALL STEEL MEMBERS ARE TO BE CONSIDERED "RESTRAINED" FOR UL DATA.

SECTION 02081

- 1. ALL ASBESTOS REMOVAL SHALL BE PERFORMED AS SPECIFIED IN THE PORT AUTHORITY SPECIFICATIONS SECTION 02081 "ASBESTOS REMOVAL AND DISPOSAL-NEW YORK AND NEW JERSEY" AND IN ACCORDANCE WITH ALL APPLICABLE FEDERAL STATE GUIDELINES, REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING WITHOUT LIMITATIONS, THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), AND U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH), AND THE NEW YORK STATE DEPARTMENT OF LABOR (NYSDEL).
- 2. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND SERVICES, NECESSARY TO PERFORM THE WORK REQUIRED FOR ASBESTOS ABATEMENT AND SUBSEQUENT RE-FIREPROOFING IN ACCORDANCE WITH CONTRACT DOCUMENTS AND ALL APPLICABLE FEDERAL AND STATE REGULATIONS.
- 3. CONTRACTOR SHALL DEVELOP AND IMPLEMENT A WRITTEN SITE SPECIFIC PROCEDURE FOR ABATEMENT WORK TO ENSURE MAXIMUM PROTECTION AND SAFEGUARD FROM ASBESTOS EXPOSURE OF THE WORKERS, VISITORS, EMPLOYEES, GENERAL PUBLIC, AND THE ENVIRONMENT. SEE SECTION 02081 APPENDIX "A" OF THE SPECIFICATIONS FOR REQUIREMENTS REGARDING SUBMITTALS.
- 4. CONTRACTOR SHALL PROVIDE NOTIFICATIONS, SIGNS, LABELS, WARNINGS, AND POST INSTRUCTIONS THAT ARE NECESSARY TO PROTECT, INFORM AND WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE. POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WORKERS A COPY OF THE LATEST APPLICABLE REGULATIONS FROM OSHA, EPA, NIOSH, AND NYSDEL.
- 5. MAINTAIN REMOVAL AREAS IN A SAFE ELECTRICAL CONDITION. PROVIDE A NYSDEL RH-CERTIFIED ELECTRICIAN FOR ALL TEMPORARY WIRING AND LIGHTING. SEE SPECIFICATION SECTION 02081, PARAGRAPH 2.01 (14) FOR REQUIREMENTS REGARDING TEMPORARY ELECTRICITY. SEE SECTION 02081 APPENDIX "A" OF THE SPECIFICATIONS FOR REQUIREMENTS REGARDING TEMPORARY ELECTRICITY.
- 6. CONTRACTOR SHALL PROVIDE PORTABLE SMOKE/HEAT DETECTORS THROUGHOUT EACH WORK AREA.
- 7. CONTRACTOR SHALL PROPERLY PROTECT ALL CONTROLS, TUBING, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN THE WORK AREA.
- 8. CONTRACTOR SHALL ISOLATE AND PROTECT ALL MECHANICAL EQUIPMENT REMAINING IN THE WORK AREA. ALL EQUIPMENT TO REMAIN SHALL BE HEPA VACUUMED AND WET WIPED PRIOR TO PLASTICIZING AND UPON THE COMPLETION OF THE PROJECT, CONTRACTOR SHALL PROVIDE WOOD BOX ENCLOSURES AND ADEQUATE VENTILATION FOR ANY EQUIPMENT THAT WILL REMAIN IN OPERATION DURING ASBESTOS ABATEMENT. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS.
- 9. CONTRACTOR SHALL EXERCISE EXTREME CARE AND CAUTION DURING ANY AND ALL DEMOLITION AND ABATEMENT OPERATIONS. CONTRACTOR SHALL CONDUCT REMOVAL OF ALL MATERIALS FROM THE SITE WITH MINIMUM DISTURBANCE, PROVIDE PROPER PROTECTION AND REGULAR MAINTENANCE OF ALL BUILDING PREMISES DIRECTLY OR INDIRECTLY ASSOCIATED WITH ABATEMENT OPERATIONS.
- 10. CONTRACTOR SHALL PROVIDE ALL SCAFFOLDING, PLATFORM INSTALLATION, EQUIPMENT, TOOLS, TRANSPORTATION AND ANY OTHER EQUIPMENT REQUIRED AND/OR NECESSARY TO COMPLETE ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS. SEE SECTION 02081 APPENDIX "A" OF THE SPECIFICATIONS FOR REQUIREMENTS REGARDING SUPPORT STRUCTURES.

- 11. CONTRACTOR SHALL LOCATE AND SEAL ALL PENETRATIONS THROUGH WALLS BETWEEN THE WORK AREA AND ADJACENT AREAS, INCLUDING, BUT NOT LIMITED TO PIPE, DUCT, CONDUIT, CHASES, AND OPENINGS IN FIRE WALLS OR DECKS BETWEEN FLOORS AS REQUIRED BY THE FIELD CONDITIONS WITH FIRE STOP MATERIAL. USE OF EXPANSION FOAM IS PROHIBITED.
- 12. CONTRACTOR SHALL PROVIDE EMERGENCY EXITS (EMCB) AS REQUIRED. SEE DETAILS.
- 13. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 10 WORKING DAYS IN ADVANCE OF ALL UTILITY SHUTDOWNS.
- 14. CONTRACTOR SHALL SEPARATE AND BLANK-OFF WITH SHEET METAL CAP ALL RETURN AND LOW PRESSURE DUCT SYSTEMS WHICH ENTER AND EXIT THE WORK AREA AS REQUIRED. SEAL ALL CONNECTING JOINTS AIR TIGHT WITH TAPE AND PLASTIC SHEETING. ALL REMAINING DUCTWORK SHALL BE ISOLATED WITH 2 LAYERS OF FIRE RETARDANT 6-MIL POLY. COORDINATE ALL WORK WITH THE ENGINEER.
- 15. CONTRACTOR SHALL CONSTRUCT A PERSONAL/WASTE DECONTAMINATION ENCLOSURE SYSTEM (P./W.D.E.S.) AS INDICATED. IT SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE STORAGE OF MATERIALS, AND EQUIPMENT, WHILE ALLOWING FOR THE PASSAGE OF LABORERS, AND THEIR EQUIPMENT BETWEEN CLEAN AND CONTAMINATED AREAS.
- 16. SHOWER AND WASTE WATER MUST BE FILTERED AND DISPOSED OF IN THE BUILDING'S SANITARY SYSTEM. REFER TO CONTRACT SPECIFICATIONS SECTION 02081 APPENDIX "B" PARAGRAPH (10) FOR WATER DISPOSAL PROCEDURES.
- 17. CONTRACTOR SHALL PROVIDE SECURITY SUCH THAT ALL BUILDING EMPLOYEES AND/OR VISITORS ARE PROHIBITED FROM ENTERING THE WORK AREA. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FIRE WATCH AS INDICATED IN SPECIFICATIONS SECTION 02081 APPENDIX "B" PARAGRAPH (7). FIRE WATCH TO POSSESS VALID CERTIFICATES FROM NYC FIRE DEPARTMENT AND NYSDEL.
- 18. CONTRACTOR SHALL HEPA VACUUM AND WET WIP ALL SURFACES WITHIN THE WORK AREA UPON THE COMPLETION OF ASBESTOS ABATEMENT.

- 19. ALL CONDUIT, WIRING, DUCTS, ETC. ABOVE CEILING SHALL BE PROTECTED PRIOR TO ABATEMENT AND THOROUGHLY CLEANED UPON COMPLETION OF ASBESTOS REMOVAL. REFER TO SPECIFICATIONS.
- 20. ALL ROUTES THROUGH THE BUILDING AND WASTE MATERIALS SHALL BE USED DURING THE ASBESTOS ABATEMENT OPERATIONS. COORDINATED WITH THE ENGINEER AND SHOWN ON DRAWINGS. SHALL UTILIZE ENCLOSED MOBILE CONTAINERS FOR WASTE MATERIALS. ALL EGRESS ROUTES SHALL BE KEPT CLEAR AND SUFFICIENTLY MAINTAINED BY THE CONTRACTOR.
- 21. UNLESS OTHERWISE NOTED, ALL WORKER AND WASTE MATERIALS SHALL BE STORED IN ENCLOSED MOBILE CONTAINERS. BE CONSTRUCTED WITH A SOLID OUTER SHELL. THE CONTAINERS SHALL BE FRAMED WITH 2" x 4" STUDDING 16" O.C. SHEATHING MATERIAL OF AT LEAST 3/8" MINIMUM THICKNESS. REFER TO DETAIL DRAWING NO. V-6.
- 22. LOCATION OF ANY REMOTE DECONTAMINATION FACILITIES SHALL BE APPROVED BY THE ENGINEER.
- 23. USE LOCK DOWN ENCAPSULANTS THAT ARE COMPATIBLE WITH FIREPROOFING TO BE APPLIED AND THAT COMPLY WITH THE SPECIFICATION'S. REFER TO SPECIFICATIONS SECTION 02081 APPENDIX "B" FOR TESTING. SUBMIT TO THE ENGINEER EVIDENCE OF ENCAPSULANTS COMPATIBILITY WITH FIREPROOFING AT COMMENCEMENT OF WORK.

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